



**PATENT**

Case Docket No. IMEC281.001AUS  
Date: October 24, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Clarysse, et al.  
Appl. No. : 10/622,084  
Filed : July 16, 2003  
For : SYSTEM AND METHOD FOR  
MEASURING PROPERTIES  
OF A SEMICONDUCTOR  
SUBSTRATE IN A NON-  
DESTRUCTIVE WAY  
Examiner : Unassigned  
Group Art Unit : 2857

I hereby certify that this correspondence and all  
marked attachments are being deposited with the  
United States Postal Service as first class mail in  
an envelope addressed to: Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-  
1450, on

October 24, 2003

(Date)

Mark M. Abumeri, Reg. No. 43,458

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with four (4) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Mark M. Abumeri  
Registration No. 43,458  
Attorney of Record  
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**INFORMATION DISCLOSURE STATEMENT**

Applicant(s) : Clarysse, et al.  
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Examiner : Unassigned  
Group Art Unit : 2857

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


Enclosed is form PTO-1449 listing four (4) references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 24, 2003

By:   
Mark M. Abumeri  
Registration No. 43,458  
Attorney of Record  
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(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
IMEC281.001AUSAPPLICATION NO.  
10/622,084INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Clarysse, et al.FILING DATE  
July 16, 2003GROUP  
2857

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	6,049,220	04/11/00	Borden, et al.			
	2	6,323,951 B1	11/27/01	Borden, et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	3	Borden, et al., "Carrier illumination characterization of ultra-shallow implants", <i>Handbook of Silicon Semiconductor Metrology</i> , A.C. Diebold, Ed., Decker Inc., New York, pp. 97-116. (2001).
	4	Clarysse, et al., "Carrier illumination for characterization of ultra-shallow doping profiles", as recorded in the proceeding of the Ultra-Shallow Junctions 2003 Workshop, (2003).

S:\DOCS\MMA\MMA-7648.DOC/cfg/101603

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	